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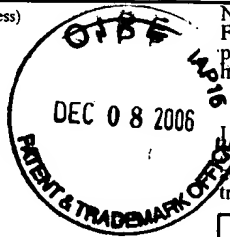
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30405 7590 10/19/2006

MILLENNIUM PHARMACEUTICALS, INC.
 40 Landsdowne Street
 CAMBRIDGE, MA 02139

12/08/2006 SSITHIB2 00000039 501668 09945326

01 FC:1501 1400.00 DA
 02 FC:1504 300.00 DA
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Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Beverly Sotiropoulos (Depositor's name)
Beverly Sotiropoulos (Signature)
 December 5, 2006 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/945,326	08/31/2001	Rachel Meyers	MPI00-344PIRCE2M	2458

TITLE OF INVENTION: 62112, A NOVEL HUMAN DEHYDROGENASE AND USES THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	01/19/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
YU, MISOOK	1642	435-006000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Millennium Pharmaceuticals Inc.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Millennium Pharmaceuticals, Inc.

Cambridge, Massachusetts

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 3

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 501668 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date December 5, 2006

Typed or printed name

Jonathan K. Hamm

Registration No. 59,608

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Practitioner's Docket No. MPI00-344P1RRCE2M

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Meyers, Rachel E., et al.		
Application No.:	09/945, 326	Group No.:	1642
Filed:	August 31, 2001	Examiner:	Yu, Misook
For:	62112, A NOVEL HUMAN DEHYDROGENASE AND USES THEREOF		

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Confirmation No. 2458

TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 C.F.R. SECTION 1.311)

1. Transmitted herewith for this application is/are:
 - a. This Transmittal Letter (2 pages – in duplicate);
 - b. PTOL-85 Part B – Fee(s) Transmittal (1 page - in duplicate); and
 - c. Return Postcard.

2. Applicant hereby pays the issue fee for the attached Issue Fee Transmittal PTOL-85.

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☒ deposited with the United States Postal Service in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
37 C.F.R. SECTION 1.8(a)

37 C.F.R. SECTION 1.10*

- ☒ with sufficient postage as first class mail. ☐ as "Express Mail Post Office to Addressee"
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- ☐ transmitted by facsimile to the Patent and Trademark Office.

Signature

Beverly Soritopoulos

Date: December 5, 2006

Beverly Soritopoulos

(type or print name of person certifying)

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3. **Fee** (37 C.F.R. Section 1.18(a)):

	<u>Regular</u>
Application status is other than a small entity--fee:	\$1,400.00
Publication Fee	\$300.00
Advance Order – patent copies (3)	\$9.00

4. **Payment of fee:**

Charge Account No. 501668 the sum of \$1,709.00. (A duplicate of this request is attached).
If any additional fee is required, charge Account No. 501668.

December 5, 2006

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